



**EASTMAN**

# A global industry **leader**

- Fortune 500 specialty materials company
- Global manufacturer and marketer of advanced materials and specialty additives
- Operates four business segments
- Global team of 14,500
- Serving customers in >100 countries



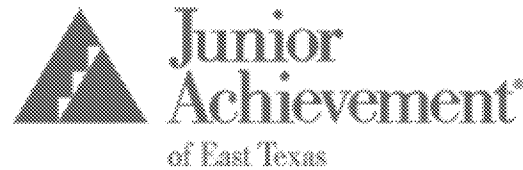
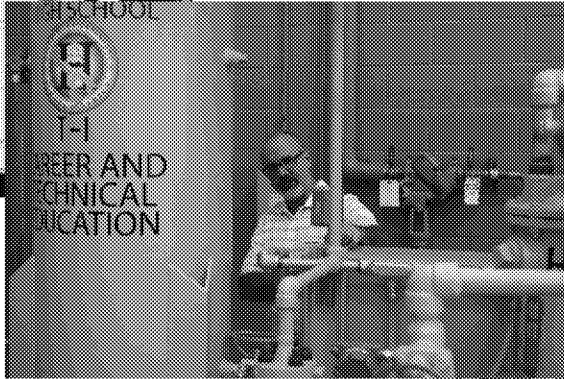
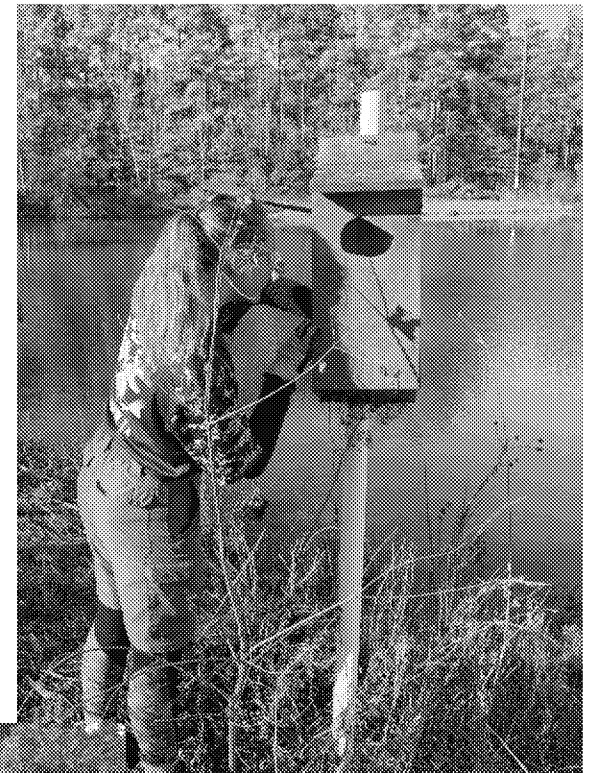
# Eastman Longview: Operations by the Numbers

- Eastman in Longview since 1952
- 600-acre facility surrounded by 5,400 acres of woodlands and bodies of water all owned by Eastman
- 1,400 Texans employed at Eastman
- 2,700 Retired Eastman employees in Texas
- 40 materials produced in Longview that go into:
  - automobile interiors
  - food preservatives
  - cosmetics
  - toys
  - paint
  - personal care items



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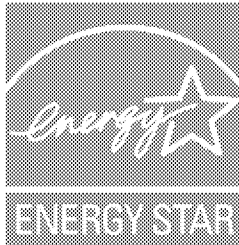




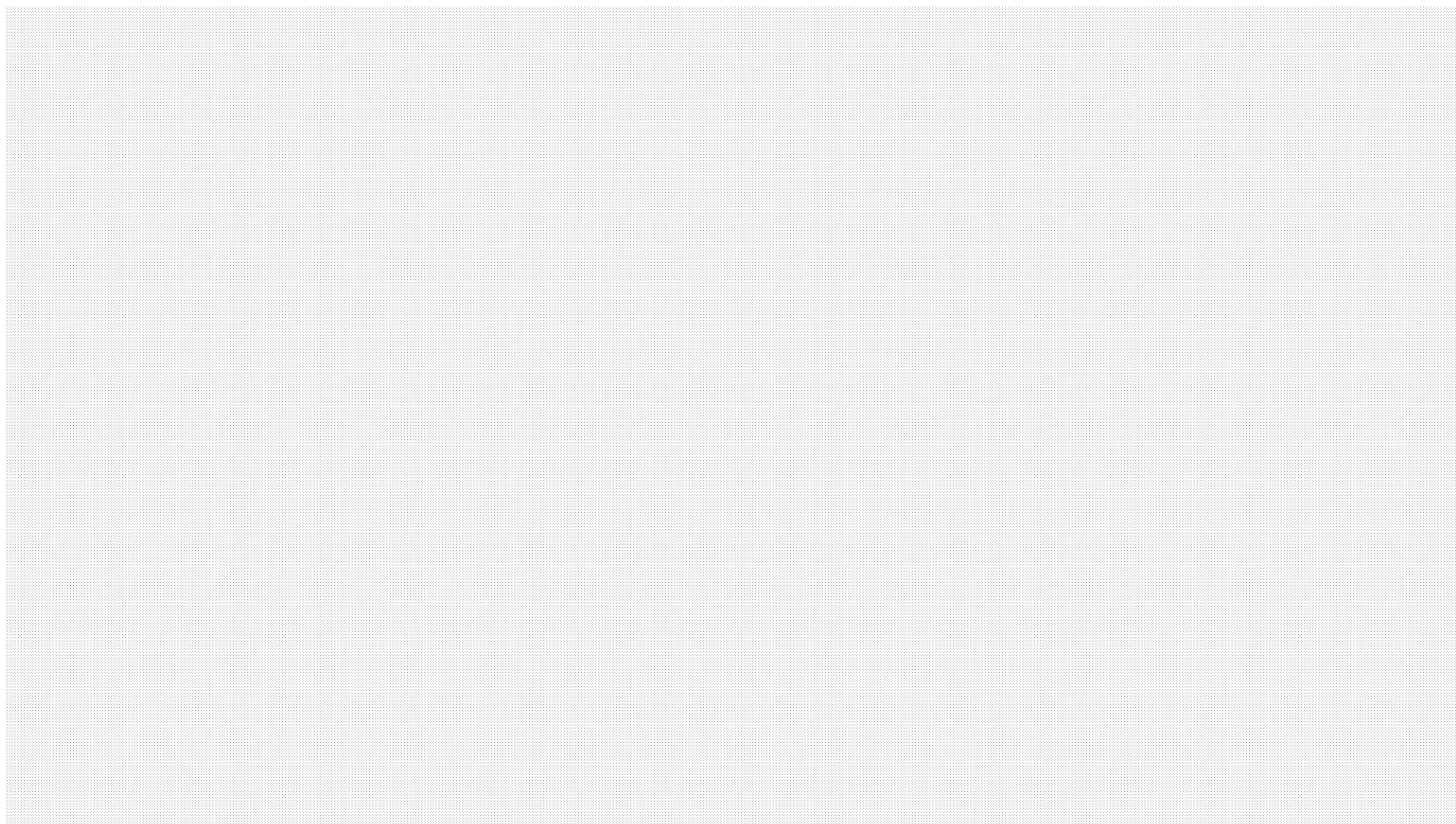
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# Safety Track Record

- Certified Responsible Care Management System
- ENERGY STAR® Site and ENERGY STAR® Partner of the Year
- Sustained Excellence in Caring for Texas Award – TCC
- OSHA VPP Star Site
- 60 years of onsite industrial hygiene practices
- Industrial Hygiene Surveys every three years
- Full time medical team onsite



# Ethylene Oxide: An Essential Chemistry



# Eastman is committed to compliance with all regulatory requirements

- Our Longview site makes and uses ethylene oxide (EO).
- We comply with both the TCEQ's and EPA's current EO emissions standards.
- Our compliance assurance programs continue to show that current EO emissions at our Longview site do not pose an elevated risk to our team or the surrounding community.
- When EPA incorporates its new regulatory risk value, Eastman will comply with all affected rules and requirements.

# Shari Libicki, PhD, Principal, Ramboll

- BSE, Chemical Engineering, University of Michigan
- MS, Chemical Engineering, Stanford University
- PhD, Chemical Engineering, Stanford University
- Adjunct Professor, Stanford University
- More than 30 years of experience reducing chemical emissions, understanding where chemicals go when they are released into the air, and helping understand the effects on human health and the environment





# Conservative Nature of EPA's Risk Estimate

- 70 years exposure at that location
- 24 hours/day and 7 days/week
- EPA reports the risk at the highest census block
- EPA's risk factor is nearly 2,400 times higher than TCEQ's risk factor
- Eastman's EO risks using TCEQ's factor are **below 1 in 1 million**; a level to be considered insignificant
- **EPA's predicted risk is highly conservative and does not reflect people's daily lives**



# There are risks from breathing air everywhere.

- Common airborne pollutants include benzene from gasoline and formaldehyde from cigarettes and other burning activities.
- The range of risks in breathing air in the United States has been estimated to be similar to, or much more than the risks estimated from breathing EO from Eastman's Longview's activities.
- The body produces EO naturally; the exposure to exhaled EO has been estimated to be greater, and in some cases, far greater than the maximum estimated exposure near Eastman's Longview site.
- The EPA has measured background airborne concentrations of EO away from industrial facilities; those concentrations are higher, and in some cases, far higher than the concentrations estimated as coming from Eastman's Longview site.



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If you have questions for  
our team, you can email

[info@eastman.com](mailto:info@eastman.com)